Subject: glowbugs V1 #201
glowbugs Wednesday, December 3 1997 Volume 01 : Number 201

Date: Mon, 1 Dec 1997 22:15:10 -0800 (PST)
From: Ken Gordon <keng@uidaho.edu>
Subject: Schematics...

OK. The Hartley schematic, and the Jones rig schematics are finished. Although the other three are available, they are AWFULLY spotty. I will fix them later this week. In the meantime, you should be able to view and print them.

Again, the URL is:

http://www.mines.uidaho.edu/~keng/schematics/

then click on the appropriate places in the descriptions you will find there.

Let me know how you like them and if you build one or the other.

I am gathering parts to build the PPOSCTX (Push-Pull Self-Excited Oscillator Transmitter). A pair of 304TLs with about 1500 volts on the plates and drawing no more than 134 ma. If it sounds awful, I can always use the parts for an amp.

Ken W7EKB

Date: Mon, 1 Dec 1997 20:48:44 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
Subject: Schematics... (fwd)

>From the BA list... Jeff KH2PZ / KH6

- ---------- Forwarded message ----------
Date: Mon, 1 Dec 1997 20:15:10 -1000
From: Ken Gordon <keng@UIDAHO.EDU>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Schematics...

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Ken W7EKB

Date: Tue, 2 Dec 1997 08:05:08 -0800 (PST)
From: Ken Gordon <keng@uidaho.edu>
Subject: Schematics...

By the way, two of the schematics are rotated 90 degrees for good reason. They both are "longer" than they are "wide". When printed they will look proper.

Will fix the "light" ones later this week. If any of you have some favorite, simple, circuits you would like to see here, send them to me on PAPER so I can scan them and put them up.

Kenneth G. Gordon W7EKB College of Mines and Earth Resources
226 N. Washington St. //or// University of Idaho
Moscow, Idaho 83843 Moscow, Idaho 83844
(208)-882-8745 (208)-885-6133
Great Highland Pipes, Amateur Radio, Electronic Consulting, Home-Schooling
Traditional Roman Catholic

My PGP Public Key Upon Request.

Date: Tue, 2 Dec 1997 13:36:06 -0600
From: "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
Subject: Hand Capacitance and Sub Panels

This message is in MIME format. Since your mail reader does not understand this format, some or all of this message may not be legible.

- ------ =_NextPart_000_01BCFF27.4250A4C0
Content-Type: text/plain

Greetings.

I have most parts now for my 1934 Globe Trotter regen receiver (Regens in December right?), and have a few questions about mounting the variable capacitors on a sub panel behind the main panel.

The design I am using shows a sub panel a couple of inches behind the main panel, hand capacitance reduction I assume. I am using a wood base and panel.

What can I use to extend the shaft lengths of the sub panel mounted variable capacitors (3) to the main panel and knobs?

Thanks,

Scott WA9WFA St. Paul Minn

- ------ =_NextPart_000_01BCFF27.4250A4C0
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Content-Transfer-Encoding: base64

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- ------ =_NextPart_000_01BCFF27.4250A4C0--

Date: Tue, 2 Dec 1997 15:04:14 -0600
From: w5hvv@aeneas.net (Roderick M. Fitz-Randolph)
Subject: My VT-4-C Hartley

Hi! I've embarked on my VT-4-C Hartley transmitter project
so's I can join you all on 3579.545 or 7040 or whatever and
I have just ordered a tube socket for the VT-4-C from Antique
Electronic Supply for $6.50 (P/N P-ST4-192). NOW I NEED A
FILAMENT TRANSFORMER..... 10 volts at 3.5 or more amps. Does
anyone have such a beastie? I could take a coupla 5 volt
xfmrs and wire them in series but would prefer not to unless
I have to. If you have one and are willing to part with it,
please let me know the price.

Thank you,

Rod, N5HV
w5hvv@aeneas.net

Date: Tue, 2 Dec 1997 14:22:42 -0800 (PST)
From: Ken Gordon <keng@uidaho.edu>
Subject: Re: My VT-4-C Hartley

> anyone have such a beastie? I could take a coupla 5 volt
> xfmrs and wire them in series but would prefer not to unless

You might find this to be a GOOD IDEA so that you can bypass the filament
leads to ground and KEY THE CENTER TAP.

:-)

Ken

Date: Tue, 2 Dec 1997 17:09:33 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
Subject: What are your 10 most used hand tools?

I want to make sure my bench is as well equipped as your benches are!
Jeff KH2PZ / KH6 (still looking for a DX-60B)

Date: Tue, 2 Dec 1997 22:41:13 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>

Subject: Re: What are your 10 most used hand tools?

On Tue, 2 Dec 1997, Jeffrey Herman wrote:

> I want to make sure my bench is as well equipped as your benches are!

Can't do 10 - gotta be 12

1) 3 sizes of standard slotted screw drivers
2) 3 sizes of phillips screw drivers
3) 2 sizes of needle nose pliers
4) 2 sizes of side cutters
5) linemans pliers
6) set of x-lite socket wrenches
7) set of allen/bristo wrenches
8) metal nibbling tool
9) T handled reamer
10) adjustable wire strippers (24-14Ga)
11) soldering gun & irons
12) drills

"No one is listening until you make a mistake"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Wed, 3 Dec 1997 11:26:28 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Re: My VT-4-C Hartley

> Hi! I've embarked on my VT-4-C Hartley transmitter project
> so's I can join you all on 3579.545 or 7040 or whatever

Great! Last nite you had the misfortune to hear Grandma Hartley at her worst. She had a sick padding capacitor on the tank, and it wobbled a little when she sang and danced, giving her a slight wobbulating song. I yanked out the bad cap and now she has a fine T8.995 note. Alas, with a 211 in her belly, she is right on the edge of where too much RF current circulates in her tank, and the heating effects are shown as she drifts about 200 cycles or so. Hint for the Hartley builders..... make the tanks sturdier than you think they need to be, for nice stable operation. At 20 watts input, I am pushing my BC-375 coil that I use as her tank coil, slightly. On a 210 tube it is fine, but the 211 is just on the edge.....

Also, remember the cannonical 1929 style self-controlled oscillator rule --- BUILD IT STURDY AND HEAVY. Overkill in all parts stats and underkill in the running parameters makes for T9 notes.

Hope you get your Hartley up and running for some fine seasonal

funzies.

73/ZUT DE NA4G/Bob UP

End of glowbugs V1 #201
